

Amendments to the Claims

Claim 1 (Currently Amended) A program list display device for installation in a broadcast receiver having a video recording and playback function and for displaying a list of program information for a program selection on a display screen, the program list display device comprising:

a means for preparing a program information displaying screen for displaying the program information for programs scheduled to be broadcast and the program information for past recorded programs, a display format setting screen for indicating a display format of the program information, and a display filter setting screen for restricting programs to be displayed on the program information displaying screen;~~and,~~

a program list display means for displaying the program information for programs scheduled to be broadcast and the program information for past recorded programs as a program list on the program information displaying screen, and displaying the program information displaying screen, the display format setting screen, and the display filter setting screen on a single screen, wherein

the program information comprises a plurality of different one or more program attributes of a channel attribute which shows a channel of a program, a date and hour attribute which shows broadcast date and hour of the program, a program name attribute which shows a title of the program, a category attribute which shows a category to which the program belongs, and a media attribute which shows a storage medium in which the program is recorded.

the program list display means is operable to display the program information as the program list in a two-dimensional array having a first program attribute arbitrarily selected from the plurality of program attributes on a first axis and a second program attribute arbitrarily selected from the plurality of program attributes on a second axis, and

the program information comprises a program series name attribute which shows a series of programs to which the program belongs.

Claim 2 (Canceled)

Claim 3 (Currently Amended) ~~The program list display device of Claim 1, wherein~~

~~the one or more program attributes is a plurality of the different program attributes, and~~

A program list display device for installation in a broadcast receiver having a video recording and playback function and for displaying a list of program information for a program selection on a display screen, the program list display device comprising:

a means for preparing a program information displaying screen for displaying the program information for programs scheduled to be broadcast and the program information for past recorded programs, a display format setting screen for indicating display format of the program information, and a display filter setting screen for restricting programs to be displayed on the program information displaying screen,

a program list display means for displaying the program information for programs scheduled to be broadcast and the program information for past recorded programs as a program list on the program information displaying screen, and displaying the program information displaying screen, the display format setting screen, and the display filter setting screen on a single screen, wherein

the program information comprises a plurality of different program attributes of a channel attribute which shows a channel of a program, a date and hour attribute which shows broadcast date and hour of the program, a program name attribute which shows a title of the program, a category attribute which shows a category to which the program belongs, and a media attribute which shows a storage medium in which the program is recorded,

the program list display means is operable to classify the program information into groups on the basis of a value for a first program attribute arbitrarily selected from the plurality of program attributes and display the program information which belong to the respective groups as the program list in a one-dimensional array having a second program attribute arbitrarily selected from the plurality of program attributes on an axis, and

the program information comprises a program series name attribute which shows a series of programs to which the program belongs.

Claim 4 (Currently Amended) The program list display device of Claim 1, wherein

~~the one or more program attributes is a plurality of the different program attributes, and~~

the program list display means is operable to dynamically switch between (i) the program list

display means displaying the program information as the program list in ~~the~~ a two-dimensional array having ~~the~~ a first program attribute arbitrarily selected from the plurality of program attributes on ~~the~~ a first axis and ~~the~~ a second program attribute arbitrarily selected from the plurality of program attributes on ~~the~~ a second axis and (ii) the program list display means classifying the program information into groups on the basis of a value for the first program attribute arbitrarily selected from the plurality of program attributes and displaying the program information which belong to the respective groups as the program list in a one-dimensional array having the second program attribute arbitrarily selected from the plurality of program attributes on an axis.

Claim 5 (Currently Amended) A program list display device for installation in a broadcast receiver and for displaying a list of program information for a program selection on a display screen, the program list display device comprising:

a means for preparing a program information displaying screen for displaying ~~the~~ program information for programs scheduled to be broadcast and ~~the program information~~ for past recorded programs, a display format setting screen for indicating a display format of the program information, and a display filter setting screen for restricting programs to be displayed on the program information displaying screen; and

a program list display means for displaying the program information for programs scheduled to be broadcast as a program list on the program information displaying screen, and displaying the program information displaying screen, the display format setting screen, and the display filter setting screen on a single screen, wherein

the program information comprises a plurality of different program attributes of a channel attribute which shows a channel on which a program is broadcast, a date and hour attribute which shows a date and hour when the program is broadcast, a program name attribute which shows a title of the program, and a category attribute ~~into which~~ shows a category to which the program ~~contents~~ are classified belongs, and

the program list display means is operable to display the program information as a program list in a two-dimensional array having a first program attribute arbitrarily selected from the plurality of program attributes on a first axis and a second program attribute arbitrarily selected from the

plurality of program attributes on a second axis-, and

the program information comprises a program series name attribute which shows a series of programs to which the program belongs.

Claim 6 (Currently Amended) A program list display device for installation in a broadcast receiver and for displaying a list of program information for a program selection on a display screen, the program list display device comprising:

a means for preparing a program information displaying screen for displaying the program information for programs scheduled to be broadcast and the program information for past recorded programs, a display format setting screen for indicating a display format of the program information, and a display filter setting screen for restricting programs to be displayed on the program information displaying screen-, and,

a program list display means for displaying the program information for programs scheduled to be broadcast as a program list on the program information displaying screen, and displaying the program information displaying screen, the display format setting screen, and the display filter setting screen on a single screen, wherein

the program information comprises a plurality of different program attributes of a channel attribute which shows a channel on which a program is broadcast, a date and hour attribute which shows a date and hour when the program is broadcast, a program name attribute which shows a title of the program, and a category attribute which shows a category to which the program belongs, and

the program list display means is operable to classify the program information into groups on the basis of a value for a first program attribute arbitrarily selected from the plurality of program attributes and display the program information which belong to the respective groups as a program list in a one-dimensional array having a second program attribute arbitrarily selected from the plurality of program attributes on an axis-, and

the program information comprises a program series name attribute which shows a series of programs to which the program belongs.

Claim 7 (Currently Amended) The program list display device of Claim 1, wherein

~~the one or more program attributes is a plurality of the different program attributes, and~~
the program list display means is operable to dynamically change a number of program attributes constituting the program information when the program list is displayed.

Claim 8 (Previously Presented) The program list display device of Claim 1, wherein
the program name attribute shows the title of the program and a name of a program group constituted by a plurality of programs to which the program belongs, and
when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for the program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.

Claim 9 (Previously Presented) The program list display device of Claim 1, further comprising:
a designating means for designating an attribute value of each program attribute constituting the program information, wherein
the program list display means is operable to display programs corresponding to an attribute value of each program attribute designated by the designating means on the program list, and
the program information comprises one or more program attributes of the channel attribute which shows the channel of the program, the date and hour attribute which shows broadcast date and hour of the program, a day-of-the-week attribute which shows a broadcast day of the week of the program, a time attribute which shows a broadcast time of the program, the program name attribute which shows the title of the program, and the media attribute which shows the storage medium in which the program is recorded.

Claim 10 (Previously Presented) The program list display device of Claim 9, wherein
the designating means is operable to designate attribute values of the day-of-the-week attribute and the time attribute, and
the program list display means is operable to display programs having a broadcast day of the week and a broadcast time corresponding to the attribute values of the day-of-the-week attribute and

the time attribute which values are designated by the designating means on the program list.

Claim 11 (Currently Amended) The program list display device of Claim 7, wherein
the program list display means is operable to display the program information as the program list in the-a two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 12 (Currently Amended) The program list display device of Claim 8, wherein
~~the one or more program attributes is a plurality of the different program attributes, and~~
the program list display means is operable to display the program information as the program list in the-a two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 13 (Currently Amended) The program list display device of Claim 10, wherein
~~the one or more program attributes is a plurality of the different program attributes, and~~
the program list display means is operable to display the program information as the program list in the-a two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claims 14-37 (Canceled)

Claim 38 (Previously Presented) The program list display device of Claim 3, wherein
the program list display means is operable to dynamically change a number of program attributes constituting the program information when the program list is displayed.

Claim 39 (Previously Presented) The program list display device of Claim 38, wherein
the program list display means is operable to display the program information as the program list in a two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 40 (Previously Presented) The program list display device of Claim 3, wherein
the program name attribute shows the title of the program and a name of a program group constituted by a plurality of programs to which the program belongs, and
when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for the program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.

Claim 41 (Previously Presented) The program list display device of Claim 40, wherein
the program list display means is operable to display the program information as the program list in a two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 42 (Previously Presented) The program list display device of Claim 3, further comprising:
a designating means for designating an attribute value of each program attribute constituting the program information, wherein
the program list display means is operable to display programs corresponding to an attribute value of each program attribute designated by the designating means on the program list, and
the program information comprises a plurality of different program attributes of the channel attribute which shows the channel of the program, the date and hour attribute which shows the broadcast date and hour of the program, a day-of-the-week attribute which shows a broadcast day of the week of the program, the time attribute which shows a broadcast time of the program, the program name attribute which shows the title of the program, and the media attribute which shows the storage medium in which the program is recorded.

Claim 43 (Previously Presented) The program list display device of Claim 42, wherein
the designating means designates attribute values of the day-of-the-week attribute and the time attribute, and

the program list display means is operable to display programs having a broadcast day of the week and a broadcast time corresponding to the attribute values of the day-of-the-week attribute and the time attribute which values are designated by the designating means on the program list.

Claim 44 (Previously Presented) The program list display device of Claim 43, wherein the program list display means is operable to display the program information as the program list in a two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 45 (Previously Presented) The program list display device of Claim 4, wherein the program list display means is operable to dynamically change a number of program attributes constituting the program information when the program list is displayed.

Claim 46 (Previously Presented) The program list display device of Claim 45, wherein the program list display means is operable to display the program information as the program list in the two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 47 (Previously Presented) The program list display device of Claim 4, wherein the program name attribute shows the title of the program and a name of a program group constituted by a plurality of programs to which the program belongs, and when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for the program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.

Claim 48 (Previously Presented) The program list display device of Claim 47, wherein the program list display means is operable to display the program information as the program list in the two-dimensional array having the channel attribute and the date and hour attribute on two

axes.

Claim 49 (Previously Presented) The program list display device of Claim 4, further comprising:
a designating means for designating an attribute value of each program attribute constituting the program information, wherein

the program list display means is operable to display programs corresponding to an attribute value of each program attribute designated by the designating means on the program list, and

the program information comprises a plurality of different program attributes of the channel attribute which shows the channel of the program, the date and hour attribute which shows the broadcast date and hour of the program, a day-of-the-week attribute which shows a broadcast day of the week of the program, the time attribute which shows a broadcast time of the program, the program name attribute which shows the title of the program, and the media attribute which shows the storage medium in which the program is recorded.

Claim 50 (Previously Presented) The program list display device of Claim 49, wherein
the designating means is operable to designate attribute values of the day-of-the-week attribute and the time attribute, and

the program list display means is operable to display programs having a broadcast day of the week and a broadcast time corresponding to the attribute values of the day-of-the-week attribute and the time attribute which values are designated by the designating means on the program list.

Claim 51 (Previously Presented) The program list display device of Claim 50, wherein
the program list display means is operable to display the program information as the program list in the two-dimensional array having the channel attribute and the date and hour attribute on the two axes.

Claim 52 (Previously Presented) The program list display device of Claim 5, wherein
the program list display means is operable to dynamically change a number of program attributes constituting the program information when the program list is displayed.

Claim 53 (Previously Presented) The program list display device of Claim 52, wherein
the program list display means is operable to display the program information as the program
list in the two-dimensional array having the channel attribute and the date and hour attribute on the
two axes.

Claim 54 (Previously Presented) The program list display device of Claim 5, wherein
the program name attribute shows the title of the program and a name of a program group
constituted by a plurality of programs to which the program belongs, and
when the program list is displayed, the program list display means is operable to dynamically
change between (i) displaying the title of the program as the program name attribute for the program
to be displayed and (ii) displaying the name of the program group as the program name attribute.

Claim 55 (Previously Presented) The program list display device of Claim 54, wherein
the program list display means is operable to display the program information as the program
list in the two-dimensional array having the channel attribute and the date and hour attribute on the
two axes.

Claim 56 (Previously Presented) The program list display device of Claim 5, further comprising:
a designating means for designating an attribute value of each program attribute constituting
the program information, wherein
the program list display means is operable to display programs corresponding to an attribute
value of each program attribute designated by the designating means on the program list, and
the program information comprises a plurality of different program attributes of the channel
attribute which shows the channel on which the program is broadcast, the date and hour attribute
which shows the date and hour when the program is broadcast, a day-of-the-week attribute which
shows a broadcast day of the week of the program, a time attribute which shows a broadcast time of
the program, the program name attribute which shows the title of the program, and a media attribute
which shows a storage medium in which the program is recorded.

Claim 57 (Previously Presented) The program list display device of Claim 56, wherein
the designating means is operable to designate attribute values of the day-of-the-week attribute and the time attribute, and
the program list display means is operable to display programs having a broadcast day of the week and a broadcast time corresponding to the attribute values of the day-of-the-week attribute and the time attribute which values are designated by the designating means on the program list.

Claim 58 (Previously Presented) The program list display device of Claim 57, wherein
the program list display means is operable to display the program information as the program list in the two-dimensional array having the channel attribute and the date and hour attribute on the two axes.

Claim 59 (Previously Presented) The program list display device of Claim 6, wherein
the program list display means is operable to dynamically change a number of program attributes constituting the program information when the program list is displayed.

Claim 60 (Previously Presented) The program list display device of Claim 59, wherein
the program list display means is operable to display the program information as the program list in a two-dimensional array having the channel attribute and the date and hour attribute on two axes.

Claim 61 (Previously Presented) The program list display device of Claim 6, wherein
the program name attribute shows the title of the program and a name of a program group constituted by a plurality of programs to which the program belongs, and
when the program list is displayed, the program list display means is operable to dynamically change between (i) displaying the title of the program as the program name attribute for the program to be displayed and (ii) displaying the name of the program group to which the program belongs as the program name attribute.

Claim 62 (Previously Presented) The program list display device of Claim 61, wherein
the program list display means is operable to display the program information as the program
list in a two-dimensional array having the channel attribute and the date and hour attribute on two
axes.

Claim 63 (Previously Presented) The program list display device of Claim 6, further comprising:
a designating means for designating an attribute value of each program attribute constituting
the program information, wherein

the program list display means is operable to display programs corresponding to an attribute
value of each program attribute designated by the designating means on the program list, and

the program information comprises a plurality of different program attributes of the channel
attribute which shows the channel on which the program is broadcast, the date and hour attribute
which shows the date and hour when the program is broadcast, a day-of-the-week attribute which
shows a broadcast day of the week of the program, a time attribute which shows a broadcast time of
the program, the program name attribute which shows the title of the program, and a media attribute
which shows a storage medium in which the program is recorded.

Claim 64 (Previously Presented) The program list display device of Claim 63, wherein
the designating means is operable to designate attribute values of the day-of-the-week
attribute and the time attribute, and

the program list display means is operable to display programs having a broadcast day of the
week and a broadcast time corresponding to the attribute values of the day-of-the-week attribute and
the time attribute which values are designated by the designating means on the program list.

Claim 65 (Previously Presented) The program list display device of Claim 64, wherein
the program list display means is operable to display the program information as the program
list in a two-dimensional array having the channel attribute and the date and hour attribute on two
axes.

Claims 66-106 (Canceled)